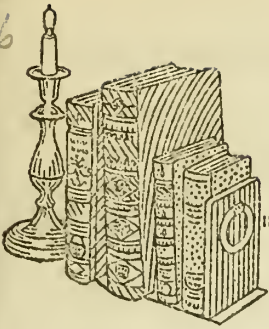


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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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October 1951.

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"Desultory reading is a waste to life; read by system."

--Rufus Choate.

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## NEW BOOKS IN THE LIBRARY

FORAGES: THE SCIENCE OF GRASSLAND AGRICULTURE, edited by H. D. Hughes. Iowa State College Press, 1951. 724p. 60 H87

"Grassland agriculture covers a broad field of soil and water conservation. Included are proper land use, livestock feed as hay, pasture and silage, improved crop yields, land reclamation, and over-all farm economy. This book is as broad as the field. It is not a handbook of forages. It is a compilation of research results and the experience of 52 contributing authors presented in 60 chapters....Regional distribution of authors is good....Part I, Forages and Productive Agriculture, is devoted to an examination of the role of 'grass' in modern farming and civilization with respect to land use, economics, soil conservation, soil fertility, and nutritive value. Part II is concerned first with the botany of forage crops, seed production, crop breeding and legume inoculation, with the following 26 chapters devoted to a discussion of the different grasses and legumes, and other forage plants....Part III, Forage Production Practices, includes chapters on crop ecology, establishment, fertilization, and weed control....Part IV, Forage Utilization, covers the fields of hay quality, making and storage, grass silage and dehydration of forages." From a review in Journal of Soil and Water Conservation by V. B. Hawk.

FORESTRY IN FARM MANAGEMENT, by R. H. Westveld and R. H. Peek, revised by R. H. Westveld. 2nd ed. Wiley, 1951. 340p. 99.55 W52 Ed.2

In clear, concise language this book shows how to convert farm forests into farm dollars by telling how to manage farm forests properly. New developments in forestry during the ten years since the first edition which are incorporated in this second edition include: complete information on power saws and tree planting machines; data on new preservatives and methods for using them; new shearing techniques to produce top quality Christmas trees; up-to-date methods for protecting forests from fire, grazing, insects, wild animals, and climatic extremes; interesting, profitable information on the techniques and tools used to convert trees into products; formulas which help the farmer calculate his operational costs of planting or fence-post treatment with the local situation as a basis; form-class volume tables, rule-of-thumb method for standing timber and techniques and formulas for measuring growth.

THE MUSKRAT IN THE LOUISIANA COASTAL MARSHES, by Ted O'Neil. Louisiana Dept. of Wild Life and Fisheries, 1949. 152p.

The sub-title of this book states that it is a study of the ecological, geological, biological, tidal, and climatic factors governing the production and management of the muskrat industry in Louisiana. Approximately one-third of the book is devoted to a description of the Louisiana marshes, another third to the natural history of the Louisiana muskrat, and the last third to management and the muskrat industry. The book is well illustrated with photographs and type maps, including a large colored type map in a pocket on the back cover.

PLANNING AND PLANTING YOUR OWN PLACE, by Louis Van de Boe. Macmillan, 1947. 290p. 93 V28

Although this book was written for the North and the suggested lists of plants are not suitable for the South, it is nevertheless a valuable book to anyone planning his own landscaping. There is a chapter on the relation of the house and the grounds followed by practical, helpful chapters on grading, drives and walks, and lawns. The sections on ornamental uses of woody plants, the selection and care of woody plants, and ornamental gardens contain worthwhile suggestions even if one cannot use the particular plants mentioned.

RURAL SOCIAL SYSTEMS, by C.P. Loomis and J. A. Beegle. Prentice-Hall, 1950. 873p. 281.2 L87R

"The book deals essentially with systems of rural social interaction and covers about the same subject matter that one might expect to find in a competent book entitled Rural Social Institutions....Thus the major divisions of the book, each of which contains several chapters, are devoted to the following topics: the family and informal groups, locality groups, educational groups, political and occupational groups, and rural service agencies....Although the authors may not have improved much on the original dichotomy of Tönnies, they have produced a volume which is stimulating and logically developed, and one which summarizes in systematic fashion most of the empirical studies bearing on the topics included. Especially commendable is Chapter 5, dealing with 'The Informal Group.' This is an analysis of friendship and clique groups which makes a definite contribution to the field. The work is well documented. It contains 208 illustrations, a foreword by Carl C. Taylor, a glossary and two appendices. It is undoubtedly one of the most useful texts now available in rural sociology." From a review by H. L. Whetten in Journal of Farm Economics, May 1951.

SUBTROPICAL ENTOMOLOGY, by Walter Ebeling. Lithotype Process Co., San Francisco. 1950. 423 Eb3S

A brief orientation on the scope and importance of the science of entomology on morphology, metamorphosis, and classification, and on the recognition of the orders of insects is first presented as a preparation for further study. A discussion of the chemistry, toxicology, and formulation of the insecticides, as well as the equipment used in their application, forms a prominent part of this volume. Biological control and the role of beneficial insects in the control of subtropical fruit pests are also discussed. The various pests discussed in the last ten chapters are grouped according to the varieties of subtropical fruits they attack rather than according to insect orders. Citrus fruit pests have been given by far the greatest attention. Other fruit pests considered are those of the grape, walnut, almond, pecan, fig, olive, avocado, date, and others. Although in this text main emphasis is placed on the pests of California, the greater part of the information contained therein is applicable throughout the citrus regions of the world. From the Preface.



VEGETABLE CROPS, by H. C. Thompson. 4th ed. McGraw-Hill, 1949. 611p.

91 T372 Ed.4

The main purpose of this book is to present those scientific facts and principles on which successful production and handling of vegetables are based. The first fifteen chapters discuss in general such topics as soils and soil preparation, manures, commercial fertilizers, seeds and seed growing, plant growing and plant-growing structures, cultivation, mulches, chemical methods of weed control, irrigation, rotation, control of diseases and insects, marketing. The following chapters take up the various types of crops such as salad crops, root crops, bulb crops, beans and peas, giving specific information for each, including the subjects treated generally in the first part of the book.

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"Basic Considerations in Training Workers in Agricultural Economics," La. Dept. of Agr. Expt. Sta. Mimeo Cir. 106. 1949. 11p. 100 L93M 106

"Costs and Returns on Family-Type Sugar Cane Farms in Louisiana, 1938-1949." La. Agr. Expt. Sta. Bul. 455. 35p. 1951. 100 L93 455

"Economics of Mechanical Cotton Harvesting in the High Plains Cotton Area of Texas." Tex. Agr. Expt. Sta. Bul. 735. 1951. 31p. 100 T31S 735

"Financial Results of the Operation of Large Sugar Cane Farms in Louisiana, 1937 to 1949." La. Agr. Expt. Sta. Bul. 456. 1951. 36p. 100 L93 456

"The Louisiana Sugar Cane Cost Studies, 1937-1948." La. Agr. Expt. Sta. Mimeo. Cir. 110. 1950. 23p. 100 L93M 110

"Texas Farm and Ranch Land Price, 1950." Tex. Agr. Expt. Sta. Progress Report 1389. 1951. 7p. 100 T31P 1389

"Trends in the Louisiana Vegetable Industry." La. Agr. Expt. Sta. Mimeo. Cir. 112. 1950. 86p. 100 L93M 112

##### Agricultural Engineering

"Drying Forage by Forced Ventilation." USDA Farmers' Bul. 2028, 1951. 22p. 1 Ag84F 2028

"An Elevator for Handling Chopped Forage." Pa. Agr. Expt. Sta. Progress Rpt. 44. 1951. 4p. 100 P38P 44

"Types and Farm Uses of Plywood." Pa. Agr. Expt. Sta. Progress Rpt. 46. 1951. 4p. 100 P38P 46

##### Cotton

"Cotton Insect Control Recommendations for 1951." Miss. Agr. Expt. Sta. Cir. 158. 1951. 7p. 100 M69C 158

"Cotton Production Practices in the North Louisiana Upland Cotton Area." La. Agr. Expt. Sta. Mimeo. Cir. 114. 1950. 23p. 100 L93M 114

"Cotton Yields in the El Paso Valley as Influenced by Applications of Ammonium Nitrate and Superphosphate." Tex. Agr. Expt. Sta. Progress Rpt. 1395. 1951. 3p. 100 T31P 1395

"Germination of Seed Harvested from Cotton Plants Damaged by 2,4-D." Tex. Agr. Expt. Sta. Progress Rpt. 1394. 1951. 4p. 100 T31P 1394

"Growing Cotton for Profit." Ga. Agr. Expt. Sta. Bul. 568. 1951. 19p. 275.29 G29B 568

"More \$\$\$\$\$ for your Cotton." New Mexico Agr. Ext. Ser. Cir. 233. 1951.  
275.29 M463E 233

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- "Aircraft for Spraying and Dusting." BEPQ EC-2. 1948. 23p. 1.967 A2Ec1  
"Controlling Grasshoppers in Alfalfa with Chlordane and Toxaphene Sprays." BEPQ.  
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"A Digest of Information on Chlordane." BEPQ. E-817. 1951. 132p. 1.9 En83  
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"Information about Bee Culture." BEPQ. E-276. Revised, 1951. 11p. 1.9 En83  
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"Protecting Stored Corn from Grain Insects by Bags Impregnated with DDT." Ky.  
Agr. Expt. Sta. Bul. 571. 1951. 8p. 100 K41B 571  
"Concentrates for Creep-Fed Lambs." Ky. Agr. Expt. Sta. Bul. 567. 1951. 14p.  
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- "Anhydrous Ammonia: A Good Nitrogen Fertilizer." Nebr. Ext. Ser. E.C. 193.  
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"Corn Fertility and Spacing Studies at the Blackland Experiment Station, 1948-  
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"A Preliminary Report on Spraying Nitrogen Fertilizer on Cotton." New Mexico  
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"What Is Liquid Fertilizer?" Nebr. Ext. Ser. E.C. 195. 1951. 275.29 M272Ex

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- "A Technique for Hand Planting of Forest Trees in the Southern Appalachians." Southeastern Forest Expt. Sta. Station Paper 12. 1951. 12p. 1.9622 S4St22 12
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- "Warm Season Grasses in the Lower Rio Grande Valley." Tex. Agr. Expt. Sta. Progress Report 1393. 1951. 5p. 100 T31P 1393

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- "Forest Fire -- Thunderstorms: Knockout Combination for Watersheds." N. Rocky Mtn. Forest & Range Expt. Sta. Research Note 102. 1951. 15p. 1.9622 N3R31 102
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